

***NATIONAL WEATHER SERVICE POLICY DIRECTIVE 60-2
APRIL 14, 2004***

Information Technology

Internet2 Abilene Network Conditions of Use

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

OPR: W/CIO(T. Sandman)

Certified by: W/CIO(L. Curran, Acting)

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SUMMARY OF REVISIONS:

1. The NWS maintains connections to the Internet2 Abilene network at designated GigaPoPs to support collaborative relationships with its research partners.
2. The objective of this policy is to specify the conditions under which the Abilene network may be used for the transmittal of data and to establish the approval authority for use of the network.
3. This directive establishes the following authorities and responsibilities:
 - 3.1 The NWS Chief Information Officer (CIO) is responsible for ensuring compliance with the Internet2 Conditions of Use. NWS membership in Internet2 is derived through the NOAA Office of the CIO (OCIO) which maintains the annual membership.
 - 3.2 The Office of the CIO is responsible for the execution and administration of agreements between the NWS and Internet2 entities including the University Consortium for Advanced Internet Development (UCAID), the GigaPoPs, and others.
 - 3.3 NWS organizations other than the Office of the CIO shall not enter into individual agreements with Internet2 GigaPoPs, universities, or other entities to acquire Abilene connectivity.
4. The following conditions apply to proposed uses of the Internet2 Abilene network by NWS organizations:
 - 4.1 Applications for which routing over the Internet2 Abilene network is contemplated must be intended primarily for research. A description of the application and its intended clients must be submitted to the NWS office of the CIO or review and approval prior to deployment on the Abilene network.

4.2 Non-research traffic may not be exchanged between NWS locations over the Abilene network except as a reasonably unavoidable and very marginal by-product of the primary research objective.

5. This policy directive is supported by the references and glossary of terms listed in Attachment 1.

<u>Signed</u>	<u>March 30, 2004</u>
Brigadier General David L. Johnson, USAF (Ret.)	Date
Assistant Administrator for Weather Services	

Attachment 1
GLOSSARY OF TERMS AND SUPPORTING INFORMATION

References

Conditions of Use (COU) for the Abilene Network, University Corporation for Advanced Internet Development (UCAID), Revised December 2001:

<http://abilene.internet2.edu/policies/cou.html>

Glossary of Terms

Internet 2 – Internet2 is a consortium led by 202 universities working in partnership with industry and government to develop and deploy advanced network applications and technologies, accelerating the creation of tomorrow's internet.

GigaPoP – A consortium of universities and other research organizations within a given geographic area which have banded together to provide access to the Internet2 Abilene network. GigaPoP members share the costs of equipment space, circuits, personnel and other costs required to maintain the access to Abilene. NOAA and the NWS maintain memberships in several GigaPoPs in geographically diverse locations across the United States.

Abilene Network – The Abilene network, a project of the University Corporation for Advanced Internet Development (UCAID) in collaboration with various corporate partners, exists to advance the mission and goals of Internet2.

University Consortium for Advanced Internet Development (UCAID) – A university consortium of over 200 members devoted to accelerating Internet technology development and implementation. NOAA/NWS is an affiliate member of UCAID.